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=> d his nofile

        (FILE 'HOME' ENTERED AT 08:37:52 ON 09 JAN 2007)

        FILE 'HCAPLUS' ENTERED AT 08:38:14 ON 09 JAN 2007
                  E US2006-10551137/APPS
                  E US2005-10551137/APPS
                  E US2007-10551137/APPS
                  E US2003-10551137/APPS
                  E US2004-10551137/APPS
                  E US2002-10551137/APPS
                  E US20060258837/PN
L1            1 SEA ABB=ON  PLU=ON  US20060258837/PN
                  D ALL
                  SEL RN


        FILE 'REGISTRY' ENTERED AT 08:41:49 ON 09 JAN 2007
L2            3 SEA ABB=ON  PLU=ON  (100493-52-5/BI OR 109-66-0/BI OR
                  1343-93-7/BI)
                  D SCAN
L3            1 SEA ABB=ON  PLU=ON  1343-93-7/RN
                  D SCAN
L4            1 SEA ABB=ON  PLU=ON  100493-52-5/RN
                  D SCAN
                  D CRN STR
L5        18395 SEA ABB=ON  PLU=ON  126-30-7/CRN
L6         7700 SEA ABB=ON  PLU=ON  109-99-9/CRN
L7            1 SEA ABB=ON  PLU=ON  109-66-0/RN
                  SAV TEMP L2 KAT137REG/A
                  E A/PCT
                  D L4 PCT
                  E POLYETHER/PCT
L8       280192 SEA ABB=ON  PLU=ON  POLYETHER/PCT
                  E POLYETHER FORMED/PCT
L9        75353 SEA ABB=ON  PLU=ON  POLYETHER FORMED/PCT
                  E POLYOTHER/PCT
L10      259591 SEA ABB=ON  PLU=ON  POLYOTHER/PCT
L11       23005 SEA ABB=ON  PLU=ON  L8 AND L9 AND L10
L12          76 SEA ABB=ON  PLU=ON  L5 AND L6


        FILE 'HCAPLUS' ENTERED AT 08:57:59 ON 09 JAN 2007
                  E HAUBNER M/AU
L13          25 SEA ABB=ON  PLU=ON  HAUBNER M?/AU
                  E PINKOS R/AU
L14         116 SEA ABB=ON  PLU=ON  PINKOS R?/AU
L15          10 SEA ABB=ON  PLU=ON  L13 AND L14
L16       29793 SEA ABB=ON  PLU=ON  BASF?/PA,CS,SO,CO
L17         131 SEA ABB=ON  PLU=ON  (L13 OR L14)
L18         107 SEA ABB=ON  PLU=ON  L16 AND L17
                  D SCAN L15


        FILE 'ZCAPLUS' ENTERED AT 09:01:07 ON 09 JAN 2007

        FILE 'HCAPLUS' ENTERED AT 09:02:31 ON 09 JAN 2007
L19          17 SEA ABB=ON  PLU=ON  L4/P
                  D SCAN
L20       12577 SEA ABB=ON  PLU=ON  L5
L21        8749 SEA ABB=ON  PLU=ON  L6
L22         111 SEA ABB=ON  PLU=ON  L20 AND L21
                  D SCAN L1
                  E POLYOXYALKYLENES/CT
                  E "POLYOXYALKYLENES, PREPARATION"/CT
                  E E3+ALL
L23       10398 SEA ABB=ON  PLU=ON  "POLYOXYALKYLENES, PREPARATION"+PFT
                  ,OLD,NT/CT
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                E HETEROPOLY ACIDS/CT
                E E3+ALL
L24      10148 SEA ABB=ON  PLU=ON  "HETEROPOLY ACIDS"+PFT,OLD,NT/CT
L25         86 SEA ABB=ON  PLU=ON  L23(L)CAT/RL
L26          0 SEA ABB=ON  PLU=ON  L25 AND L19
L27         21 SEA ABB=ON  PLU=ON  L4
L28          0 SEA ABB=ON  PLU=ON  L27 AND L25
L29         13 SEA ABB=ON  PLU=ON  L27 AND L24
L30         12 SEA ABB=ON  PLU=ON  L19 AND L24
L31         13 SEA ABB=ON  PLU=ON  L22 AND L24
L32         10 SEA ABB=ON  PLU=ON  L19 AND L23
L33         26 SEA ABB=ON  PLU=ON  L22 AND L23
L34          8 SEA ABB=ON  PLU=ON  L33 AND L24
                E GLYCOLS, PREPARATION/CT
                E "GLYCOLS, PREPARATION"+PFT,OLD,NT/CT
L35       2448 SEA ABB=ON  PLU=ON  "GLYCOLS, PREPARATION"+PFT,OLD,NT/C
                                   T
L36         33 SEA ABB=ON  PLU=ON  L23 AND L35
L37          3 SEA ABB=ON  PLU=ON  L36 AND L24
                D SCAN
L38       2047 SEA ABB=ON  PLU=ON  (POLYOXYALKYLENE OR POLY(A)OXYALKYL
                                   ENE OR POLYOXY(A)ALKYLENE OR POLY(W)OXY(W)ALKYLENE)(2A)
                                   GLYCOL
L39        292 SEA ABB=ON  PLU=ON  L38(L)PREP/RL
L40       9427 SEA ABB=ON  PLU=ON  HETEROPOLY(A)ACID
L41          3 SEA ABB=ON  PLU=ON  L40 AND L39
                D SCAN
L42          7 SEA ABB=ON  PLU=ON  L38 AND L40
                D SCAN
                D SCAN L1
                D QUE L33
                D QUE L42
L43       2064 SEA ABB=ON  PLU=ON  HETEROPOLYACID OR HETERO(W)POLY(W)A
                                   CID
L44      10290 SEA ABB=ON  PLU=ON  L43 OR L40
L45          3 SEA ABB=ON  PLU=ON  L44 AND L39
L46         13 SEA ABB=ON  PLU=ON  L44 AND (L22 OR L27)
L47       4255 SEA ABB=ON  PLU=ON  L24(L)CAT/RL
L48         13 SEA ABB=ON  PLU=ON  L47 AND (L22 OR L27)
L49         12 SEA ABB=ON  PLU=ON  L47 AND L19
                D QUE L32
L50          8 SEA ABB=ON  PLU=ON  L32 AND (L44 OR L24)
L51         20 SEA ABB=ON  PLU=ON  (L29 OR L30 OR L31 OR L32) OR L34
                                   OR L37 OR L41 OR L42 OR (L45 OR L46) OR (L48 OR L49 OR
                                   L50)
                D QUE
                D SCAN


     FILE 'STNGUIDE' ENTERED AT 10:16:05 ON 09 JAN 2007
                D SCAN L1

     FILE 'ZCAPLUS' ENTERED AT 10:20:58 ON 09 JAN 2007

     FILE 'HCAPLUS' ENTERED AT 10:21:02 ON 09 JAN 2007
                D SCAN L1

     FILE 'ZCAPLUS' ENTERED AT 10:21:02 ON 09 JAN 2007

     FILE 'HCAPLUS' ENTERED AT 10:21:39 ON 09 JAN 2007
                E HYDROCARBONS, USES/CT
L52      11444 SEA ABB=ON  PLU=ON  "HYDROCARBONS, USES"+PFT,OLD,NT/CT

L53          3 SEA ABB=ON  PLU=ON  L51 AND L52
                D SCAN
L54            QUE ABB=ON  PLU=ON  HYDROCARBON?
L55          4 SEA ABB=ON  PLU=ON  L51 AND L54
L56      41958 SEA ABB=ON  PLU=ON  L7 OR PENTANE
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L57        5 SEA ABB=ON   PLU=ON   L51 AND L56
L58       20 SEA ABB=ON   PLU=ON   L51 OR L53 OR L55 OR L57


     FILE 'ZCAPLUS' ENTERED AT 10:25:21 ON 09 JAN 2007
L59          QUE ABB=ON   PLU=ON   PY<2004 OR PRY<2004 OR AY<2004 OR
             MY<2004 OR REVIEW/DT
L60          QUE ABB=ON   PLU=ON   (SINGLE OR ONE)(A)(STEP OR STAGE
             REACTION)
L61          QUE ABB=ON   PLU=ON   CRYSTALLIZ? OR EXTRACT? OR
             ION(A)EXCHANG?
L62          QUE ABB=ON   PLU=ON   NITROGEN OR PPM OR PART(W)PER(W)MIL
             LION OR PART(3A)MILLION


     FILE 'HCAPLUS' ENTERED AT 10:33:18 ON 09 JAN 2007
L63        2 SEA ABB=ON   PLU=ON   L58 AND L61
L64        7 SEA ABB=ON   PLU=ON   L58 AND L62
             D 1-7 KWIC
L65        3 SEA ABB=ON   PLU=ON   L58 AND L60
             D SCAN
L66       20 SEA ABB=ON   PLU=ON   L58 OR (L63 OR L64 OR L65)
             D SCAN L1
             E CRYSTALLIZATION/CT
             E E3+ALL
L67          QUE ABB=ON   PLU=ON   CRYSTALLIZATION+PFT,OLD,NT/CT
             E EXTRACTION/CT
             E E3+ALL
L68          QUE ABB=ON   PLU=ON   EXTRACTION+PFT,OLD,NT/CT
             E ION EXCHANGE/CT
             E E3+ALL
L69          QUE ABB=ON   PLU=ON   ION EXCHANGE+PFT,OLD,NT/CT
L70        1 SEA ABB=ON   PLU=ON   L66 AND ((L67 OR L68 OR L69))
             D SCAN
             SAV L70 KAT137HCP/A
L71       20 SEA ABB=ON   PLU=ON   L66 OR L70
L72        4 SEA ABB=ON   PLU=ON   L17 AND L71
L73       20 SEA ABB=ON   PLU=ON   L17 AND (L23 OR L35 OR L39 OR L19
             OR L27)
L74       20 SEA ABB=ON   PLU=ON   L72 OR L73
L75       20 SEA ABB=ON   PLU=ON   L74 AND L16
L76       19 SEA ABB=ON   PLU=ON   L75 AND L59


     FILE 'NTIS' ENTERED AT 10:45:19 ON 09 JAN 2007

     FILE 'NTIS, TEMA, JICST-EPLUS, RAPRA, TEXTILETECH, PASCAL, JAPIO,
     CONFSCI, DISSABS, WPIX' ENTERED AT 10:51:02 ON 09 JAN 2007
L77        0 SEA ABB=ON   PLU=ON   L4
L78        0 SEA ABB=ON   PLU=ON   L5 AND L6
             D QUE L38
L79     3193 SEA ABB=ON   PLU=ON   L38
L80     4894 SEA ABB=ON   PLU=ON   L44
L81       10 SEA ABB=ON   PLU=ON   L79 AND L80
             D SCAN
L82        5 SEA ABB=ON   PLU=ON   L81 AND (HYDROCARBON? OR PENTANE)

L83        4 SEA ABB=ON   PLU=ON   L81 AND ((L60 OR L61 OR L62))
             D SCAN
L84       10 SEA ABB=ON   PLU=ON   (L81 OR L82 OR L83)
             E HAUBNER M/AU
L85       74 SEA ABB=ON   PLU=ON   ("HAUBNER M"/AU OR "HAUBNER
             MARTIN"/AU)
             E PINKOS R/AU
L86      149 SEA ABB=ON   PLU=ON   ("PINKOS R"/AU OR "PINKOS R F"/AU
             OR "PINKOS ROLF"/AU OR "PINKOS ROLF DR"/AU)
L87      210 SEA ABB=ON   PLU=ON   (L85 OR L86)
L88    49966 SEA ABB=ON   PLU=ON   L16
L89      119 SEA ABB=ON   PLU=ON   L87 AND L88
L90       42 SEA ABB=ON   PLU=ON   L89 AND (POLYM? OR COPOLYM? OR
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                    CO(W) POLYM?)
L91          25 SEA ABB=ON  PLU=ON  L90 AND (L38 OR TETRAHYDROFURAN?)

                    D 1-25 TI


     FILE 'JAPIO' ENTERED AT 11:21:31 ON 09 JAN 2007
L92           1 SEA ABB=ON  PLU=ON  L90 AND (L38 OR TETRAHYDROFURAN?)
                    SAV L92 KAT137JAPIN/A


     FILE 'RAPRA' ENTERED AT 11:22:39 ON 09 JAN 2007
L93           2 SEA ABB=ON  PLU=ON  L89 AND (POLYM? OR COPOLYM? OR
                    CO(W)POLYM?)


     FILE 'WPIX' ENTERED AT 11:23:21 ON 09 JAN 2007
L94          38 SEA ABB=ON  PLU=ON  L89 AND (POLYM?/BI,ABEX OR
                    COPOLYM?/BI,ABEX OR CO/BI,ABEX(W)POLYM?/BI,ABEX)
                    SAV L94 KAT137WPXIN/A


     FILE 'NTIS, TEMA, JICST-EPLUS, RAPRA, TEXTILETECH, PASCAL, JAPIO,
     CONFSCI, DISSABS, WPIX' ENTERED AT 13:04:45 ON 09 JAN 2007
                    D QUE L81
L95        1785 SEA ABB=ON  PLU=ON  (POLYTHF OR TETRAHYDROFURAN OR THF
                    OR NEOPENTYL(N) GLYCOL)(3N)(COPOLYM? OR CO(W) POLYM?)
L96          35 SEA ABB=ON  PLU=ON  L95 AND L80
L97          15 SEA ABB=ON  PLU=ON  L96 AND (HYDROCARBON OR METHANE OR
                    ETHANE OR PROPANE OR PROPANE OR BUTANE OR PENTANE OR
                    HEXANE OR HEPTANE OR OCTANE OR NONANE OR DECANE)
L98          20 SEA ABB=ON  PLU=ON  L96 NOT L97
                    D SCAN
                    D 1-20 KWIC
                    D 1-35 TI L96
L99          20 SEA ABB=ON  PLU=ON  L96 AND GLYCOL
                    D 1-20 TI
L100         35 SEA ABB=ON  PLU=ON  L96 OR L99
L101         23 SEA ABB=ON  PLU=ON  L91 AND L59


     FILE 'STNGUIDE' ENTERED AT 13:40:13 ON 09 JAN 2007


     FILE 'MEDLINE, EMBASE, BIOSIS' ENTERED AT 13:41:08 ON 09 JAN 2007
L102          0 SEA ABB=ON  PLU=ON  L4
                    D SAV


     FILE 'HCAPLUS' ENTERED AT 13:49:17 ON 09 JAN 2007
L103         19 SEA ABB=ON  PLU=ON  L71 AND L59
                    SAV L103 KAT137HCPA/A
                    D QUE L76
                    SAV L76 KAT137HCPIN/A


     FILE 'NTIS, TEMA, JICST-EPLUS, RAPRA, TEXTILETECH, PASCAL, JAPIO,
     CONFSCI, DISSABS, WPIX' ENTERED AT 13:55:31 ON 09 JAN 2007
L104         40 SEA ABB=ON  PLU=ON  L84 OR L100
                    D QUE
L105         39 SEA ABB=ON  PLU=ON  L104 AND L59
                    D QUE
L106         39 SEA ABB=ON  PLU=ON  L105 OR L77 OR L78


     FILE 'HCAPLUS, RAPRA, PASCAL, JAPIO, WPIX' ENTERED AT 14:35:21 ON
     09 JAN 2007
L107         44 DUP REM L103 L106 L102 (14 DUPLICATES REMOVED)
                         ANSWERS '1-19' FROM FILE HCAPLUS
                         ANSWERS '20-22' FROM FILE RAPRA
                         ANSWER '23' FROM FILE PASCAL
                         ANSWERS '24-31' FROM FILE JAPIO
                         ANSWERS '32-44' FROM FILE WPIX
                    D L107 1-19 IBIB ABS ED HITSTR HITIND
                    D L107 20-31 IBIB ABS ED HIT IND
                    D L107 32-44 IALL ED ABEQ TECH ABEX
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            D QUE L76
            D QUE L101
L108     31 DUP REM L76 L101 (11 DUPLICATES REMOVED)
                ANSWERS '1-19' FROM FILE HCAPLUS
                ANSWER '20' FROM FILE RAPRA
                ANSWER '21' FROM FILE JAPIO
                ANSWERS '22-31' FROM FILE WPIX
            D L108 1-31 IBIB ABS ED
L109     40 SEA ABB=ON  PLU=ON  L107 NOT L108
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